

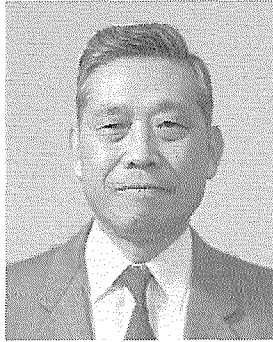


著作目録（糟谷忠雄）

著者	東北大学史料館
号	433
発行年	1991-03
URL	http://hdl.handle.net/10097/00065250

糟谷忠雄教授著作目録

平成 3 年 3 月
東北大学記念資料室
(著作目録第 433 号)



糟谷忠雄教授略歴

生年月日 昭和2月5月1日生
出生地 神奈川県
本籍 宮城県
現住所

学歴

昭和27年 名古屋大学理学部物理学科卒業

学位

昭和31年 理学博士（名古屋大学）

本学着任

昭和40年 理学部物理第二学科 教授

所属部局

昭和40年7月より担任，56年より兼任 電波物理講座
昭和52年2月より兼任，56年より担任 磁気物理講座
昭和62年4月より兼任 光物性講座

経歴

昭和28年4月 文部省特別研究奨励学生
昭和33年4月 名古屋大学理学部助手
昭和35年1月 東京大学物性研究所助教授
昭和40年7月 東北大学理学部教授
平成3年3月 停年退官

在外研究その他

昭和35年 9月より 2年間 米国ベル研究所主任研究員
昭和36年 カルフォルニア大学客員教授
昭和44年 6月より 1年間 米国 IBM 中央研究所顧問として滞在研究

昭和50年度科学研究費一般（A）
「稀土類磁性半導体の総合的な実験理論の研究」研究代表者

昭和56年度より（3年間）科学研究費総合（A）
「価数揺動状態の総合的研究」研究代表者

昭和59年度より（3年間）科学研究費特別推進研究
「高濃度近藤物質の系統的研究」研究代表者

昭和63年度より（3年間）科学研究費重点領域研究
「アクチナイド化合物の物性研究」研究代表者

昭和51年
磁性半導体に関する日米セミナー（学振）主宰

昭和60年
第5回結晶場国際会議（仙台）主宰
第8回谷口シンポジウム「ヘビーフェルミオンと価数揺動の理論」主宰

受賞

平成3年3月 東レ科学技術賞受賞

著 作 目 録

著 書

1. "Theory of Heavy Fermions and Valence Fluctuations" eds. T. Kasuya and T. Saso (Springer Series in Solid State Science 62, Springer-Verlag, 1985)
2. "Proceedings of the Fifth International Conference on Crystalline Field and Anomalous Mixing Effects in f-Electron Systems", Sendai, Japan, 15-18, April 1985, ed. T. Kasuya (North-Holland, Amsterdam 1985)
3. 電気伝導
糟谷忠雄
磁気共鳴吸収・物質の電氣的性質（物性物理学講座，編集：有山兼孝，三宅静雄，茅 誠司，武藤俊之助，小谷正雄，永宮健夫，共立出版 1958），7 卷
pp. 241-324
4. s-d and s-f Interaction in Rare Earth Metals
T. Kasuya
in "Magnetism IIB" ed. by G. T. Rado and H. Suhl (Academic Press, New York 1966) pp. 215-294
5. Valence Fluctuating States in Ce Compounds: Survey of Our Group Work
T. Kasuya
in "Electron Correlation and Magnetism in Narrow-Band System" ed., T. Moriya (Springer-Verlag, 1981) pp. 237-255
6. The c-f Mixing Interaction and Valence Fluctuation: Fundamental Considerations
T. Kasuya
in "Theory of Heavy Fermions and Valence Fluctuations" eds., T. Kasuya and T. Saso (Springer Series in Solid-State Science 1985) pp. 2-22
7. PES and BIS Spectra in Ce-Compounds
M. Takeshige, O. Sakai and T. Kasuya
in "Theory of Heavy Fermions and Valence Fluctuations" eds., T. Kasuya and T. Saso (Springer Series in Solid-State Science 1985)
pp. 120-131
8. Theory of PES and BIS Including f^2 State for Ce-Compounds
O. Sakai, M. Motizuki and T. Kasuya
in "Core-Level Spectroscopy in Condensed Systems" eds., J. Kanamori and A. Kotani (Springer Series in Solid-State Sciences, 1988)
pp. 45-55

9. Fermi Surfaces in the Strongly Correlated Electron Systems (in press)
Y. Onuki, T. Goto and T.Kasuya
in "Materials Science and Technology" eds. E. Kramer, R. Cahn and P.
Haasen (VCH Verlagsgesellschaft, 1991) vol. 3
10. The Critical Velocity and Frictions in the Flow of Liquid Helium II
T. Kasuya
Prog. Theor. Phys. vol. 9 no. 1 (1953) pp. 87-88
11. Damped Oscillations in the Surface Film of Liquid Helium II
T. Kasuya
Prog. Theor. Phys. vol. 9 no. 1 (1953) pp. 89-90
12. Gorter's Friction and Saturation of Surface Flow Rate
T. Kasuya
Prog. Theor. Phys. vol. 9, no. 1 (1953) pp. 90-91
13. 液体 II の表面流
糟谷忠雄
物性論研究59号(1953)pp. 50-61
14. 液体ヘリウム II の流れにおける Critical Velocity と Friction
糟谷忠雄
物性論研究59号(1953)pp. 62-70
15. The Relaxation Process in Ferromagnetic Resonance Absorption
T. Kasuya
Prog. Theor. Phys. vol. 12 no. 6 (1954) pp. 802-803
16. The Relaxation Process in Ferromagnetic Resonance Absorption-The
Effect of the Conduction Electron-
T. Kasuya
Prog. Theor. Phys. vol. 12 no. 6 (1954) pp. 803-804
17. 強磁性共鳴吸収に於ける緩和現象
糟谷忠雄
物性論研究72号(1954)pp. 37-53
18. 強磁性共鳴吸収における緩和現象 (II) 伝導電子による効果
糟谷忠雄
物性論研究74号(1954) pp. 1-10

19. 一価金属の熱伝導理論
糟谷忠雄
物性論研究75号(1954)pp. 44-54

20. On the Theory of Thermal Conductivity of Monovalent Metals
T. Kasuya
Prog. Theor. Phys. vol. 13 no. 6 (1955) pp. 561-570

21. 金属強磁性体のスピン波
糟谷忠雄
物性論研究90号 (1955)pp. 36-49

22. 金属強磁性及び反強磁性の理論 (Zener Model)II
糟谷忠雄
物性論研究 90号(1955)pp. 106-117

23. 佐藤さんの「強磁性及び反強磁性体の熱伝導度」についての注意
糟谷忠雄
物性論研究 91号 (1955)pp. 73-74

24. Temperature Dependence of Anisotropy Energy of Ferromagnetics
T. Kasuya
J. Phys. Soc. Jpn. vol. 11 no. 9 (1956) pp. 944-947

25. A Theory of Metallic Ferro- and Antiferromagnetism on Zener's Model
T. Kasuya
Prog. Theor. Phys. vol. 16 no. 1 (1956) pp. 45-57

26. Electrical Resistance of Ferromagnetic Metals
T. Kasuya
Prog. Theor. Phys. vol. 16 vol. 1 (1956) pp. 58-63

27. 金属強磁性体の異常電気伝導について
糟谷忠雄
物性論研究 92号(1956)pp. 1-6

28. 強磁性 Anisotropy の温度変化について
糟谷忠雄
物性論研究 92号 (1956)pp. 7-13

29. 強磁性及び反強磁性理論における Spin-Wave の方法による高次の項の影響についての注意
糟谷忠雄
物性論研究 92号(1956)pp. 14-23
30. 集合電子模型による強磁性スピン波理論
芳田 奎, 糟谷忠雄
物性論研究 95号 (1956)pp. 27-44
31. 金属強磁性, 反強磁性の理論 III Orbital Moment のある時
糟谷忠雄
物性論研究96号 (1956) pp. 117-132
32. 一価金属の熱電気現象
糟谷忠雄, 山田一雄
物性論研究 100号 (1956) pp. 41-56
32. 不可逆過程について
糟谷忠雄
物性論研究 2 卷 3 号 (1957) pp. 460-463
33. 半導体の不純物伝導 I
糟谷忠雄
物性論研究 2 卷 3 号 (1957) pp. 464-471
35. 不可逆過程について
糟谷忠雄
物性論研究 2 卷 4 号 (1957) pp. 460-464
36. 半導体の不純物伝導. I
糟谷忠雄
物性論研究 2 卷 4 号 (1957) pp. 465-473
37. InSb の熱伝導について
糟谷忠雄
物性論研究 2 卷 4 号 (1957) pp. 474-481
38. 一価金属の抵抗極小, 異常熱起電力
糟谷忠雄
物性論研究 2 卷 4 号 (1957) pp. 482-489

39. Metal phonon の relaxation について
糟谷忠雄
物性論研究 2 巻 4 号 (1957) pp. 490-502
40. 半導体の不純物伝導 I. 補足
糟谷忠雄
物性論研究 2 巻 5 号 (1957) pp. 653-656
41. Non Polar Crystal の電子—格子相互作用
糟谷忠雄
物性論研究 2 巻 5 号 (1957) pp. 657-664
42. A Theory of Impurity Conduction I
T. Kasuya
J. Phys. Soc. Jpn. vol. 13 no. 11 (1958) pp. 1093-1110
43. A Theory of Impurity Conduction. II
T. Kasuya and S. Koide
J. Phys. Soc. Jpn. vol. 13 no. 11 (1958) pp. 1287-1297
44. A Comment on Bardeen's Theory of Superconductivity
S. Nakajima and T. Kasuya
Prog. Theor. Phys. vol. 18 (1958) pp. 662-663
45. Superconductivity of Ferromagnetic Metals
T. Kasuya
Prog. Theor. Phys. vol. 20 no. 6 (1958) pp. L980-L982
46. 半導体の不純物伝導 (II)
糟谷忠雄, 小出重道
物性論研究 3 巻 2 号 (1958) pp. 167-183
47. フォノンの熱平衡からのズレが半導体の伝導に及ぼす効果
木村初男, 糟谷忠雄
物性論研究 3 巻 5 号 (1958) pp. 545-553
48. [訂正] フォノン熱平衡からのズレが半導体の伝導に及ぼす効果
木村初男, 糟谷忠雄
物性論研究 3 巻 6 号 (1958) p. 760

49. 輸送理論の一般式に於る電場と濃度勾配との相異について
糟谷忠雄
物性論研究 4 卷 3 号 (1958) pp. 371-373
50. 抵抗極少に付て
糟谷忠雄
物性論研究 4 卷 5 号 (1958) pp. 573-578
51. 強磁性緩和について —最近の研究から—
糟谷忠雄
日本物理学会誌 13 卷 7 号 (1958) pp. 451-453
52. 稀土類金属の磁性 —最近の研究から—
糟谷忠雄, 柳瀬 章
日本物理学会誌 13 卷 11 号 (1958) pp. 760-762
53. The General Theory of Transport: The Difference between Electric Field and Density Gradient
T. Kasuya
J. Phys. Soc. Jpn. vol. 14 no. 4 (1959) pp. 410-415
54. Electrical and Thermal Conductivity of Monovalent Metals: The Influences of Coulomb Interaction
T. Kasuya and K. Yamada
J. Phys. Soc. Jpn. vol. 14 no. 4 (1959) pp. 416-435
55. Effects of s-d Interaction on Transport Phenomena
T. Kasuya
Prog. Theor. Phys. vol. 22 no. 2 (1959) pp. 227-246
56. 磁場内での電気伝導
木村初男, 糟谷忠雄
物性論研究 5 卷 5 号 (1959) pp. 593-614
57. 金属磁性体の伝導: d 電子の localized model と band model の比較
糟谷忠雄
物性論研究 6 卷 3 号 (1959) p. 482
58. 不純物伝導について
糟谷忠雄
物性論研究 6 卷 3 号 (1959) pp. 482-484

59. 固体電子論 一昭和34年度における各専門分野研究活動の展望—
糟谷忠雄
日本物理学会誌 15巻3号 (1960) pp. 132-133
60. Relaxation Mechanisms in Ferromagnetic Resonance
T. Kasuya and R. C. LeCraw
Phys. Rev. Lett. vol. 6 no. 5 (1961) pp. 223-225
61. Magnetoelastic Coupling Constants of Terbium and Europium Iron
Garnets R. C. LeCraw and T. Kasuya
J. Appl. Phys. vol. 34 no. 4, PT. 2 (1963) p. 1293
62. Long-Wavelength Collective Excitations in Ferromagnetic Insulators I.
Strong Coupling of Acoustic Modes to Spin Wave Modes
R. C. LeCraw and T. Kasuya
Phys. Rev. vol. 130 no. 1 (1963) pp. 50-57
63. 磁性(理論) 一昭和38年度における各専門分野研究活動の展望—
糟谷忠雄
日本物理学会誌 19巻2号 (1964) pp. 80-82
64. Theory of Rare Earth Metals
T. Kasuya
in "Proceedings of the International Conference on Magnetism (London,
the Institute of Physics and the Physical Society, 1965)"
pp. 247-249
65. Anisotropic s-f Interaction in Rare Earth Metals I. Fundamental
Consideration Based on the Free Electron Model
T. Kasuya and D. H. Lyons
J. Phys. Soc. Jpn. vol. 21 no. 2 (1966) pp. 287-307
66. Theory of Anomalous Magnetic and Transport Phenomena in
Eu-Chalcogenide Alloys
A. Yanase and T. Kasuya
J. Appl. Phys. vol. 39 no. 2, PT. 1 (1968) pp. 430-432
67. The Localized Magnetic Moment in Metals
T. Kasuya and A. Yanase
J. Phys. Soc. Jpn. vol. 24 no. 6 (1968) pp. 1224-1235

68. Thermo-Electric Power of Copper
A. Hasegawa and T. Kasuya
J. Phys. Soc. Jpn. vol. 25 no. 1 (1968) pp. 141-150
69. Mechanisms for the Anomalous Properties of Eu-Chalcogenides Alloys.
I.
A. Yanase and T. Kasuya
J. Phys. Soc. Jpn. vol. 25 no. 4 (1968) pp. 1025-1042
70. Evidence of Band Conduction and Critical Scattering in Dilute
Eu-Chalcogenide Alloys
S. von Molnar and T. Kasuya
Phys. Rev. Lett. vol. 21 no. 26 (1968) pp. 1757-1761
71. Anomalous Transport Phenomena in Eu-Chalcogenide Alloys
T. Kasuya and A. Yanase
Rev. Mod. Phys. vol. 40 no. 4 (1968) pp. 684-696
72. 臨時総会決議に関する事後処理について 一談話室一
糟谷忠雄
日本物理学会誌 23巻9号 (1968) pp. 699-700
73. 〔研究ノート〕希土類カルコゲナイドの異常な磁性と伝導現象
柳瀬 章, 糟谷忠雄
物性 9巻9号 (1968) pp. 475-489
74. On the Temperature Dependences of the Magnetic Electrical Resistivities
in Pr and Nd
A. Watabe and T. Kasuya
J. Phys. Soc. Jpn. vol. 26 no. 1 (1969) pp. 64-73
75. Exchange Mechanisms in Europium Chalcogenides
T. Kasuya
IBM J. Res. Developm. vol. 14 no. 3 (1970) pp. 214-223
76. Comments on Electronic Transport in Magnetic Semiconductors
S. von Molnár and T. Kasuya
in "Proceedings of the Tenth International Conference on the Physics of
Semiconductors (Cambridge, Massachusetts, Aug. 17-21, 1970)" ed. by
S. P. Keller, J. C. Hensel, F. Stern pp. 233-242

77. Anomalous Properties of a Trapped Paramagnetic Polaron
T. Kasuya
in "Proceedings of the Tenth International Conference on the Physics of Semiconductors (Cambridge, Massachusetts, Aug. 17-21, 1970) ed. by S. P. Keller, J. C. Hensel, F. Stern" pp. 243-246
78. Energy Spectra of Magnetic Semiconductors: Eu Chalcogenides and NiO
T. Kasuya
J. Appl. Phys. vol. 41 no. 3 (1970) pp. 1090-1091
79. Phonon-Drag Thermoelectric Power and Low-Field Hall Coefficient of Copper
A. Hasegawa and T. Kasuya
J. Phys. Soc. Jpn. vol. 28 no. 1 (1970) pp. 75-88
80. Magneto-Optical Effect due to Eu^{2+} Ion
A. Yanase and T. Kasuya
Prog. Theor. Phys. suppl. 46 (1970) pp. 388-410
81. Stability Condition for the Paramagnetic Polaron in a Magnetic Semiconductor
T. Kasuya, A. Yanase and T. Takeda
Solid State Commun. vol. 8 no. 19 (1970) pp. 1543-1546
82. Transit Photoconductivity in EuSe
T. Kasuya and T. Penney
Solid State Commun. vol. 8 no. 19 (1970) pp. 1547-1550
83. Mobility of a Large Paramagnetic Polaron
T. Kasuya, A. Yanase and T. Takeda
Solid State Commun. vol. 8 no. 19 (1970) pp. 1551-1553
84. First Order Phase Transition in EuSe
G. Petrich and T. Kasuya
Solid State Commun. vol. 8 no. 20 (1970) pp. 1625-1629
85. Mobility of the Antiferromagnetic Large Polaron
T. Kasuya
Solid State Commun. vol. 8 no. 20 (1970) pp. 1635-1638

86. The Magnetic Polaron in Ferromagnetic Crystals
A. Yanase, T. Kasuya and T. Takeda
FERRITES (Proceedings of the International Conference, ed. by Y. Hoshino, S. Iida and M. Sugimoto, Univ. of Tokyo Press, 1971)
pp. 604-606

87. Photoconductivity Mechanisms in the Magnetic Semiconductor EuSe
T. Penney and T. Kasuya
J. Appl. Phys. vol. 42 no. 4 (1971) pp. 1403-1409

88. 〔解説〕 Magnetic Polaron について (基礎概念と Lattice Polaron との比較)
糟谷忠雄, 梅原雅捷
物性 12巻 8号 (1971) pp. 447-457

89. s-f Exchange Interactions and Magnetic Semiconductors
T. Kasuya
(CRC) Crit. Rev. Solid State Sci. vol. 3 (1972) pp. 131-164

90. A Theory for a Self-Trapped Antiferromagnetic Polaron at $T=0K$
M. Umehara and T. Kasuya
J. Phys. Soc. Jpn. vol. 33 no. 3 (1972) pp. 602-615

91. New Aspects on the Electric Properties of Magnetic Semiconductors
T. Kasuya
in "Proceedings of 11-th International Conference on the Physics of Semiconductors (Warszwa, Poland 1972)" pp. 141-154

92. <研究ノート> s-d 相互作用理論の起源と発展
糟谷忠雄
学術月報 25号 5巻 (1972) pp. 303-305

93. 一解説一 稀土類磁性半導体の展望
糟谷忠雄
日本物理学会誌 27巻 8号 (1972) pp. 662-670

94. General Formula for the Optical Absorption Spectra of Bound Polaron
K. Takegahara and T. Kasuya
in "1974 International Conference on Colour Centers in Ionic Crystals"
(1974) p. 98

95. Generalized Formulas for the Electronic States of Bound Polaron
K. Takegahara and T. Kasuya
in "1974 International Conference on Colour Centers in Ionic Crystals"
(1974) p. 99

96. Anomalous Resistivity Near Neel Temperature due to the Critical
Scattering: Antiferromagnet
T. Kasuya and A. Kondo
Solid State Commun. vol. 14 no. 3 (1974) pp. 249-252

97. Anomalous Resistivity Near Curie Temperature due to the Critical
Scattering
T. Kasuya and A. Kondo
Solid State Commun. vol. 14 no. 3 (1974) pp. 253-256

98. Exchange Mechanisms in Heusler Alloys: Virtual Double Exchange
T. Kasuya
Solid State Commun. vol. 15 no. 6 (1974) pp. 1119-1122

99. 磁性ポーロンの理論と実験の現状 —最近の研究から—
糟谷忠雄
日本物理学会誌 29巻5号 (1974) pp. 424-427

100. A Theory for the Bound Polaron. I. Wave Function
K. Takegahara and T. Kasuya
J. Phys. Soc. Jpn. vol. 39 no. 5 (1975) pp. 1292-1300

101. A Theory for Self-Trapped Magnetic Polaron in Ferromagnetic
Semiconductor with a Narrow Band
T. Takeda and T. Kasuya
J. Phys. Soc. Jpn. vol. 39 no. 6 (1975) pp. 1443-1453

102. —物理学メモ— マグネティックポーロン
糟谷忠雄
日本物理学会誌 30巻2号 (1975) 目次裏

103. A Mechanism for the Metal Insulator Transition and Various Properties
in Samarium Compounds
T. Kasuya
J. de Physique vol. 37 no. C4, suppl. 10 (1976) pp. 261-265

104. A Canting Spin Ordering Mechanism in Degenerate Magnetic Semiconductors
M. Umehara and T. Kasuya
J. Phys. Soc. Jpn. vol. 40 no. 1 (1976) pp. 13-24
105. A Theory for a Self-Trapped Antiferromagnetic Polaron at Finite Temperatures
M. Umehara and T. Kasuya
J. Phys. Soc. Jpn. vol. 40 no. 2 (1976) pp. 340-349
106. De Haas-van Alphen Effect in Magnetic Material with Complicated Spin Orderings
T. Kasuya
J. Phys. Soc. Jpn. vol. 40 no. 4 (1976) pp. 1086-1087
107. Stability Condition for Molecular Magnetic Polaron
T. Kasuya
Solid State Commun. vol. 18 no. 1 (1976) pp. 51-53
108. Theory and Experiment on SmB_6
T. Kasuya, K. Kojima and M. Kasaya
in "Valence Instabilities and Related Narrow-Band Phenomena" ed. by R. D. Parks (Plenum Press, 1977) pp. 137-152
109. Optical Properties of Magnetic Exciton States in Europium-Chalcogenides
O. Sakai, A. Yanase and T. Kasuya
J. Phys. Soc. Jpn. vol. 42 no. 2 (1977) pp. 596-607
110. Effect of Magnetic Impurities on Itinerant Antiferromagnetism
K. Nakanishi and T. Kasuya
J. Phys. Soc. Jpn. vol. 42 no. 3 (1977) pp. 833-844
111. Introductory Talk
T. Kasuya
Proc. US-Japan Seminar on Physical Properties of Rare Earth Magnetic Semiconductors (1977)
112. Neutron Scattering in EuB_6 (talked only)
Y. Isikawa, K. Tajima, M. Kasaya and T. Kasuya
Proc. US-Japan Seminar on Physical Properties of Rare Earth Magnetic Semiconductors (talked only) (1977)

113. Exchange Mechanisms in Rare Earth Magnetic Semiconductors
A. Narita and T. Kasuya
Proc. US-Japan Seminar on Physical Properties of Rare Earth Magnetic Semiconductors (1977) pp. 93-109
114. Transport and Thermal Properties of SmB_6
T. Fujita, M. Kasaya, T. Kasuya, T. Tanaka and E. Bannai
Proc. US-Japan Seminar on Physical Properties of Rare Earth Magnetic Semiconductors (1977) pp. 137-148
115. Optical Properties of Rare Earth Hexaborides
T. Suzuki, Y. Isikawa, T. Tanaka, K. Takegahara and T. Kasuya
Proc. US-Japan Seminar on Physical Properties of Rare Earth Magnetic Semiconductors (1977) pp. 205-226
116. Electron Spin Resonance of EuB_6 Single Crystal
S. Kunii and T. Kasuya
Proc. US-Japan Seminar on Physical Properties of Rare Earth Magnetic Semiconductors (talked only) (1977) pp. 228-231
117. 希土類化合物におけるValence Mixing State
糟谷忠雄
固体物理 12巻11号 (1977) pp. 650-656
118. Nonlinear s-f Exchange Interaction Effect and Magnetic Properties of Rare Earth Metals
K. Kaino and T. Kasuya
J. de Physique vol. 40 no. C5 (1979) pp. 24-25
119. Valence Fluctuating State in SmB_6
T. Kasuya, K. Takegahara, T. Fujita, T. Tanaka and E. Bannai
J. de Physique vol. 40 no. C5 (1979) pp. 308-313
120. Temperature and Frequency Dependences of ESR in EuB_6 Single Crystal and EuB_6 Bulk Poly-Crystal
S. Kunii and T. Kasuya
J. Phys. Soc. Jpn. vol. 46 no. 1 (1979) pp. 13-17
121. Hyperfine Interaction in Pr_3Ti
T. Kobayashi, M. Kawakami and T. Kasuya
J. Phys. Soc. Jpn. vol. 46 no. 1 (1979) pp. 36-39

122. Temperature Dependence of Magnetization and Spin Waves in MnP
A. Takase and T. Kasuya
J. Phys. Soc. Jpn. vol. 47 no. 2 (1979) pp. 491-497

123. Low Temperature Specific Heat of MnP; Experiment and Analysis
A. Takase, H. Yashima and T. Kasuya
J. Phys. Soc. Jpn. vol. 47 no. 2 (1979) pp. 531-534

124. Raman Scattering in CeB₆
K. Kojima, K. Ohbayashi, T. Hihara, S. Kunii, T. Komatsubara and
T. Kasuya
Phys. Lett. vol. 72A no. 1 (1979) pp. 51-52

125. An Improved Water-Cooled Target Holder For Preparation of
Mössbauer
Souces by Proton Irradiation
S. Kunii, M. Fujioka and T. Kasuya
CYRIC Ann. Report, Tohoku Univ. (1980) pp. 123-124

126. Mössbauer Effect Measurements on Valence Fluctuating Compound Sm₃
Se₄
M. Sugita, S. Kunii, M. Kawakami, M. Fujioka, P. J. Markowski,
H. Horita, T. Suzuki and T. Kasuya
CYRIC Ann. Rept. Tohoku Univ. (1980) pp. 131-133

127. Valence Fluctuation in Sm₃Se₄
A. Ochiai, T. Suzuki and T. Kasuya
J. de Physique vol. 41 no. C5 (1980) pp. 71-73

128. Magnetic Impurity State in n-Type EuTe
M. Sera, A. Takase, M. Kawakami, T. Suzuki and T. Kasuya
J. de Physique vol. 41 no. C5 (1980) pp. 97-99

129. Electronic Structure of EuB₆, Transport and Magnetic Properties
T. Kasuya, K. Takegahara, M. Kasaya, Y. Isikawa and T. Fujita
J. de Physique vol. 41 no. C5 (1980) pp. 161-170

130. Transport and Magnetic Properties of Gd_{3-x} V_x S₄
A. Kamijo, A. Takase, Y. Isikawa, S. Kunii, T. Suzuki and T. Kasuya
J. de Physique vol. 41 no. C5 (1980) pp. 189-191

131. Unusual Anisotropy Mechanism in Ce-Pnictides due to Virtual Valence Fluctuation
K. Takegahara, A. Yanase and T. Kasuya
J. de Physique vol. 41 no. C5 (1980) pp. 327-329
132. Magnetic and Electronic Properties of CeB_6
T. Komatsubara, T. Suzuki, M. Kawakami, S. Kunii, T. Fujita, Y. Isikawa, A. Takase, K. Kojima, M. Suzuki, Y. Aoki, K. Takegahara and T. Kasuya
J. Mag. Mag. Mat. vol. 15-18 (1980) pp. 963-964
133. Magnetoelastics and Ultrasonic Absorption in CeB_6
T. Nakajima, S. Kunii, T. Komatsubara and T. Kasuya
J. Mag. Mag. Mat. vol. 15-18 (1980) pp. 967-969
134. Spin Waves in Rare Earth Metals Including Non-linear s-f Exchange Interaction Effect
K. Kaino and T. Kasuya
J. Mag. Mag. Mat. vol. 15-18 (1980) pp. 1223-1224
135. Temperature Dependences of Electrical Resistivity in MnP
A. Takase and T. Kasuya
J. Phys. Soc. Jpn. vol. 48 no. 2 (1980) pp. 430-434
136. Scattering Mechanisms in Heavily Doped Semiconductors. I. Maxima in Resistivity and Hall Coefficient
T. Saso and T. Kasuya
J. Phys. Soc. Jpn. vol. 48 no. 5 (1980) pp. 1566-1575
137. Low Field Magnetoresistance in MnP; Purity Dependence of the Magnetic Phase Diagram
A. Takase and T. Kasuya
J. Phys. Soc. Jpn. vol. 49 no. 2 (1980) pp. 484-488
138. High Field Magnetoresistance in MnP
A. Takase and T. Kasuya
J. Phys. Soc. Jpn. vol. 49 no. 2 (1980) pp. 489-492
139. Scattering Mechanisms in Heavily Doped Semiconductors. II. Effect of Mass Anisotropy and Multiple Scattering
T. Saso and T. Kasuya
J. Phys. Soc. Jpn. vol. 49 no. 2 (1980) pp. 578-588

140. Theory of Resistance and Hall Maxima in Sb-doped Ge in the Metallic Range
T. Saso and T. Kasuya
J. Phys. Soc. Jpn. vol. 49 suppl. A (1980) pp. 383-386
141. Electron Concentration Dependence of Transport and Magnetic Properties in Narrow Gap Semiconductor EuB_6
M. Kasaya, Y. Ishikawa, K. Takegahara and T. Kasuya
J. Phys. Soc. Jpn. vol. 49 suppl. A (1980) pp. 831-834
142. Anomalous Specific Heat of CeB_6
T. Fujita, M. Suzuki, T. Komatsubara, S. Kunii, T. Kasuya and T. Ohtsuka
Solid State Commun. vol. 35 no. 7 (1980) pp. 569-572
143. Anisotropic Exchange Interaction in CeB_6
Y. Aoki and T. Kasuya
Solid State Commun. vol. 36 no. 4 (1980) pp. 317-319
144. Magnetic Properties of CeB_6 Single Crystal
M. Kawakami, S. Kunii, T. Komatsubara and T. Kasuya
Solid State Commun. vol. 36 no. 5 (1980) pp. 435-439
145. Electrical Resistivity and Magnetoresistance of CeB_6
A. Takase, K. Kojima, T. Komatsubara and T. Kasuya
Solid State Commun. vol. 36 no. 5 (1980) pp. 461-464
146. Anomalous Anisotropies in Rare-Earth Magnetic Compounds and Their Behavior under High Magnetic Field
T. Kasuya, K. Takegahara, M. Kasaya, Y. Isikawa, H. Takahashi, T. Sakakibara and M. Date
in "Physics in High Magnetic Fields" eds. , S. Chikazumi and N. Miura (Springer-Berlag, 1981) pp. 150-160
147. Anomalous Properties of Valence Fluctuating CeB_6 and SmB_6
T. Kasuya, K. Takegahara, Y. Aoki, K. Hanzawa, M. Kasaya, S. Kunii, T. Fujita, N. Sato, H. Kimura, T. Komatsubara, T. Furuno and J. Rossat-Mignod
in "Valence Fluctuations in Solids" eds., L. M. Falicov, W. Hanke and M. B. Maple (North Holland, 1981) pp. 215-224

148. Valence Instabilities and Electrical Properties of the La- and Yb-Substituted SmB_6
M. Kasaya, H. Kimura, Y. Isikawa, T. Fujita and T. Kasuya
in "Valence Fluctuations in Solids" eds., L. M. Falicov, W. Hanke and M. B. Maple (North Holland, 1981) pp. 251-254
149. Anomalous Magnetic and Transport Properties of Ce Monopnictides due to p-f Valence Mixing
T. Suzuki, M. Sera, H. Shida, K. Takegahara, H. Takahashi, A. Yanase and T. Kasuya
in "Valence Fluctuations in Solids" eds., L. M. Falicov, W. Hanke and M. B. Maple (North Holland, 1981) pp. 255-258
150. Effects of La-Substitution on the Kondo State in CeB_6
N. Sato, T. Komatsubara, S. Kunii, T. Suzuki and T. Kasuya
in "Valence Fluctuations in Solids" eds., L. M. Falicov, W. Hanke and M. B. Maple (North Holland, 1981) pp. 259-262
151. A Model for Unusual Magnetic Anisotropy of Ce Pnictides
K. Takegahara, H. Takahashi, A. Yanase and T. Kasuya
J. Phys. C: Solid State Phys. vol. 14 (1981) pp. 737-743
152. Non-linear c-f Exchange Interaction Effect and Magnetic Properties of Rare-Earth Metals: I. Phase Boundaries
K. Kaino and T. Kasuya
J. Phys. F: Metal Phys. vol. 11 (1981) pp. 883-903
153. The ^{11}B Nuclear Magnetic Resonance in CeB_6 Single Crystal
M. Kawakami, S. Kunii, K. Mizuno, M. Sugita, T. Kasuya and K. Kume
J. Phys. Soc. Jpn. vol. 50 no. 2 (1981) pp. 432-437
154. A Model Calculation for Anomalous Magnetic Properties of CeB_6
K. Hanzawa, A. Yanase and T. Kasuya
J. Phys. Soc. Jpn. vol. 50 no. 3 (1981) pp. 760-768
155. Evidence for a Modulated Ordering in CeB_6 due to the Kondo Effect
J. Rossat-Mignod, P. Burlet, T. Kasuya, S. Kunii and T. Komatsubara
Solid State Commun. vol. 39 no. 3 (1981) pp. 471-478

156. Anisotropic p-f Mixing Mechanism Explaining Anomalous Magnetic Properties in Ce Monopnictides
K. Takegahara, H. Takahashi, A. Yanase and T. Kasuya
Solid State Commun. vol. 39 no. 7 (1981) pp. 857-861
157. Effects of Crystalline Fields on the Physical Properties of PrB_4
M. Kasaya, K. Takegahara, A. Yanase and T. Kasuya
in "Crystalline Electric Field Effects in f-Electron Magnetism" ed. by R. P. Guertin, W. Suski and Z. Zolnierrek (Plenum, 1982) pp. 95-99
158. Fermi Surface and p-f Mixing Mechanism in CeSb
T. Suzuki, H. Kitazawa, M. Sera, I. Oguro, H. Shida, A. Yanase and T. Kasuya
in "Crystalline Electric Field Effects in f-Electron Magnetism" eds., R. P. Guertin, W. Suski and Z. Zolnierrek (Plenum, 1982) pp. 357-366
159. Mechanism of Unusual Magnetic Anisotropy in the Cerium Monopnictides
K. Takegahara, H. Takahashi, A. Yanase and T. Kasuya
in "Crystalline Electric Field Effects in f-Electron Magnetism" eds., R. P. Guertin, W. Suski and Z. Zolnierrek (Plenum, 1982) pp. 367-379
160. Low Temperature Magnetic Phase Transitions of CeBi and CeSb Studied by Magnetoelastics
T. Nakajima, T. Suzuki, M. Sera and T. Kasuya
in "Crystalline Electric Field Effects in f-Electron Magnetism" eds., R. P. Guertin, W. Suski and Z. Zolnierrek (Plenum, 1982) pp. 415-421
161. Electronic Structure and Crystal Field in Sm_3Se_4 and Sm_3Te_4
M. Sugita, S. Kunii, K. Takegahara, N. Sato, T. Sakakibara, P. J. Markowski, M. Fujioka, M. Date and T. Kasuya
in "Crystalline Electric Field Effects in f-Electron Magnetism" eds., R. P. Guertin, W. Suski and Z. Zolnierrek (Plenum, 1982) pp. 479-484
162. Crystal Field and p-f Mixing Effects in Uranium Pnictides
K. Takegahara, A. Yanase and T. Kasuya
in "Crystalline Electric Field Effects in f-Electron Magnetism" eds., R. P. Guertin, W. Suski and Z. Zolnierrek (Plenum, 1982) pp. 533-538

163. Temperature Dependence of Magnetization in U_3P_4 and U_3As_4 Single Crystals
P. J. Markowski, S. Kunii, K. Takegahara, T. Suzuki, Z. Henkie and T. Kasuya
in "Crystalline Electric Field Effects in f-Electron Magnetism" eds., R. P. Guertin, W. Suski and Z. Zolnierrek (Plenum, 1982) pp. 549-555

164. Dense Kondo Behaviors in CeB_6 , Ce-Monopnictides and Their Alloys
T. Kasuya, K. Takegahara, Y. Aoki, T. Suzuki, S. Kunii, M. Sera, N. Sato, T. Fujita, T. Goto, A. Tamaki and T. Komatsubara
in "Valence Instabilities (Proceedings of the International Conference held in Zürich, Switzerland, Apr. 13-16, 1982)" eds., P. Wachter and H. Boppart (North-Holland, 1982) pp. 359-367

165. p-f Mixing Mechanism in Ce Monopnictides
H. Takahashi, K. Takegahara, A. Yanase and T. Kasuya
in "Valence Instabilities (Proceedings of the International Conference held in Zürich, Switzerland, Apr. 13-16, 1982)" eds., P. Wachter and H. Boppart (North-Holland, 1982) pp. 379-382

166. The Thermal Expansion and Magnetostriction in $Ce_{1-x}La_xSb$ and $Ce_{1-x}La_xBi$
M. Sera, T. Fujita, T. Suzuki and T. Kasuya
in "Valence Instabilities (Proceedings of the International Conference held in Zürich, Switzerland, Apr. 13-16, 1982)" eds., P. Wachter and H. Boppart (North-Holland, 1982) pp. 435-438

167. A Neutron Scattering Investigation of the Magnetic Phase Diagram of CeB_6
J. M. Effantin, P. Burlet, J. Rossat-Mignod, S. Kunii and T. Kasuya
in "Valence Instabilities (Proceedings of the International Conference held in Zürich, Switzerland, Apr. 13-16, 1982)" eds., P. Wachter and H. Boppart (North-Holland, 1982) pp. 559-562

168. Magnetic Ordering in Cerium Hexaboride- CeB_6
P. Burlet, J. Rossat-Mignod, J. M. Effantin, T. Kasuya, S. Kunii and T. Komatsubara
J. Appl. Phys. vol. 53 (1982) pp. 2149-2151

169. Magnetic Field Dependence of ^{11}B NMR in CeB_6
M. Kawakami, K. Mizuno, S. Kunii, T. Kasuya, H. Enokiya and
K. Kume
J. Mag. Mag. Mat. vol. 30 (1982) pp. 201-208
170. Extreme Ultraviolet Photoemission of CeB_6 and PrB_6
H. Sugawara, A. Kakizaki, I. Nagakura, T. Ishii, T. Komatsubara and
T. Kasuya
J. Phys. Soc. Jpn. vol. 51 no. 3 (1982) pp. 915-921
171. High Field Magnetization Mechanism in CeB_6
K. Hanzawa, T. Kasuya, T. Komatsubara, T. Sakakibara and M. Date
in "High Field Magnetism (Proceedings of the International Symposium
on High Field Magnetism, Osaka, Japan, Sep. 13-14, 1982)" ed. by M.
Date (North-Holland, 1983) pp. 171-174
172. Anomalous Magnetic and Transport Properties in U_3P_4 and U_3As_4
T. Suzuki, S. Takagi, N. Niitsuma, K. Takegahara, T. Kasuya,
A. Yanase, T. Sakakibara, M. Date, P. J. Markowski and Z. Henkie
in "High Field Magnetism (Proceedings of the International Symposium
on High Field Magnetism, Osaka, Japan, Sep. 13-14, 1982)" ed. by M.
Date (North-Holland, 1983) pp. 183-187
173. Magnon Dispersion in the Cone Phase Including Non-linear c-f
Exchange Interaction Effect
K. Kaino and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 169-170
174. Dense Kondo Behavior in CeB_6 and its Alloys
T. Komatsubara, N. Sato, S. Kunii, I. Oguro, Y. Furukawa, Y. Onuki
and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 363-372
175. Transport Properties in Valence Fluctuation Compound Sm_3Se_4
A. Tamaki, T. Goto, M. Sugita, S. Kunii, T. Suzuki, T. Fujimura and
T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 383-385
176. Magnetic and Transport Properties of Anomalous Ce-Monopnictides
M. Sera, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 385-386

177. Susceptibility, L / III Absorption and Specific Heat across the Mixed Valence Range in $R_{1-x}La_xB_6$ and $R_{1-y}Yb_yB_6$ ($R=Th, Sm$)
M. Kasaya, F. Iga, H. Yashima, T. Satoh, M. Ohashi, S. Nakai and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 389-390
178. NMR Study of Mixed Valence Compounds SmB_6 with La and Yb Substitution and CeB_6
M. Takigawa, H. Yasuoka, T. Tanaka, Y. Ishizawa, M. Kasaya and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 391-392
179. Mechanism of Low Temperature Magnetic Properties in Ce Monopnictides
H. Takahashi, K. Takegahara, A. Yanase and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 405-406
180. NMR Study of CeB_6 Single Crystal in High Magnetic Field
M. Kawakami, H. G. Bohn, H. Lütgemeier, S. Kunii and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 415-416
181. Transport Properties of CeB_6
N. Sato, S. B. Woods, T. Komatsubara, I. Oguro, S. Kunii and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 417-418
182. Elastic Properties in CeB_6
T. Goto, A. Tamaki, S. Kunii, T. Nakajima, T. Fujimura, T. Kasuya, T. Komatsubara and S. B. Woods
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 419-420
183. De Haas-van Alphen Effects on $La(Sb, Bi)$ and $Ce(Sb, Bi)$
H. Kitazawa, T. Suzuki, M. Sera, I. Oguro, A. Yanase, A. Hasegawa and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 421-422
184. Hyperfine Interactions in Europium Chalcogenides
K. Ueno, A. Yanase and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 427-428

185. Magnetic Properties of EuSe
H. Fukuma, T. Komatsubara, T. Suzuki, S. Kunii, E. Kaldis and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 431-432
186. A New and Typical Valence Fluctuating System, YbB₁₂
M. Kasaya, F. Iga, K. Negishi, S. Nakai and T. Kasuya
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 437-438
187. Mechanisms for Anomalous Properties in SmB₆
T. Kasuya, M. Kasaya, K. Takegahara, T. Fujita, T. Goto, A. Tamaki, M. Takigawa and H. Yasuoka
J. Mag. Mag. Mat. vol. 31-34 (1983) pp. 447-450
188. Numerical Simulation of the Dynamical Conductivity of One-Dimensional Disordered Systems by MacKinnon's Method
T. Saso, C. -I. Kim and T. Kasuya
J. Phys. Soc. Jpn. vol. 52 no. 6 (1983) pp. 1888-1889
189. A Theory for a Self-Trapped Molecular Magnetic Polaron in Ferromagnetic Semiconductor
M. Takahashi and T. Kasuya
J. Phys. Soc. Jpn. vol. 52 no. 9 (1983) pp. 3127-3137
190. Effect of Electron-Phonon Interaction in the Magnetic Polaron
M. Takahashi and T. Kasuya
J. Phys. Soc. Jpn. vol. 52 no. 9 (1983) pp. 3138-3143
191. Self-Consistent Theory for Anomalous Magnetic Properties and Dense Kondo State in Ce-Monopnictides
T. Kasuya, H. Takahashi, M. Takeshige and O. Sakai
in "Proceedings of International Conference of Valence Instabilities" held in Köln (1984) (talked only)
192. Effects of Band Structure and Matrix Element on RKKY Interaction
A. Narita and T. Kasuya
J. Mag. Mag. Mat. vol. 43 (1984) pp. 21-42
193. Antiferro-Quadrupolar Ordering in CeB₆
K. Hanzawa and T. Kasuya
J. Phys. Soc. Jpn. vol. 53 no. 5 (1984) pp. 1809-1818

194. Origin of Double Peaks in Photoemission Spectra from Metallic Ce-Compounds
O. Sakai, M. Takeshige and T. Kasuya
J. Phys. Soc. Jpn. vol. 53 no. 10 (1984) pp. 3657-3666
195. Magnetic Properties of Single Crystals of $\text{Ce}_x\text{La}_{1-x}\text{B}_6$
N. Sato, S. Kunii, I. Oguro, T. Komatsubara and T. Kasuya
J. Phys. Soc. Jpn. vol. 53 no. 11 (1984) pp. 3967-3979
196. XPS Study of Rare Earth Dodecaborides : TmB_{12} , YbB_{12} and LuB_{12}
F. Iga, Y. Takakuwa, T. Takahashi, M. Kasaya, T. Kasuya and T. Sagawa
Solid State Commun. vol. 50 no. 10 (1984) pp. 903-905
197. Electron Tunneling into Superconducting YB_6
S. Kunii, T. Kasuya, K. Kadowaki, M. Date and S.B. Woods
Solid State Commun. vol. 52 no. 7 (1985) pp. 659-661
198. Effective 4f Energy Level in Virtual Excitation and in Photoemission Processes in Ce-Pnictides
O. Sakai, H. Takahashi, M. Takeshige and T. Kasuya
Solid State Commun. vol. 52 no. 12 (1984) pp. 997-1001
199. 価数揺動状態と近藤格子
糟谷忠雄
月刊フィジクス 5巻6号 (1984) pp. 350-355
200. Various Aspects of p-f Mixing Effects in f-Electron Systems
T. Kasuya, O. Sakai, M. Takeshige, K. Takegahara and T. Takahashi
J. Less-Common Met. vol. 111 (1985) pp. 195-201
201. Thermal Properties of CeB_6 and LaB_6
Y. Peysson, C. Ayache, B. Salce, J. Rossat-Mignod, S. Kunii and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 63-65
202. On the Crystal Field and Kondo Effect in CeIn_3
Q. Z. Gao, E. Kanda, H. Kitazawa, M. Sera, T. Goto, T. Fujita, T. Suzuki, T. Fujimura and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 69-71

203. Studies on $\text{Ce}_x\text{La}_{1-x}\text{B}_6$ for Γ_8 Kondo State
N. Sato, S. Kunii, I. Oguro, T. Komatsubara and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 86-88

204. Low Temperature Magnetic and Transport Properties of $\text{CeBi}_{1-x}\text{Te}_x$
Alloys in High Magnetic Fields
M. Sera, P. Haen, O. Laborde, H. Bartholin and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 89-92

205. Magnetic Phase Diagram of CeB_6
J. M. Effantin, J. Rossat-Mignod, P. Burlet, H. Bartholin, S. Kunii and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 145-148

206. Electronic Structure of UBe_{13}
K. Takegahara, H. Harima and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 263-265

207. Structural Transition Caused by Pressure-Induced Valence Change in Sm_4Bi_3 below 300K
N. Nakajima, K. Tsuji, T. Ishidate, H. Takahashi, S. Suzuki, A. Ochiai, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 292-294

208. Mixed Valence Properties of YbB_{12}
M. Kasaya, F. Iga, M. Takigawa and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 429-435

209. Elastic Properties of SmB_6 and Sm_3Se_4
A. Tamaki, T. Goto, S. Kunii, M. Kasaya, T. Suzuki, T. Fujimura and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 469-471

210. Kondo Effect in $\text{Sm}_{1-y}\text{Yb}_y\text{B}_6$ and $\text{Tm}_{0.5}\text{Yb}_{0.5}\text{B}_6$
B. Liu, M. Kasaya, F. Iga and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 472-474

211. Super Dense Kondo States in CeSb and CeBi
H. Kitazawa, I. Oguro, M. Hirai, Y. Kondo, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 532-535

212. Energy Bandstructure of YB_{12} and LuB_{12}
H. Harima, A. Yanase and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 567-569
213. Valence Fluctuation in Anti- Th_3P_4 Structure Yb_4Sb_3 and Yb_4Bi_3
A. Ochiai, S. Nakai, A. Oyamada, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 47 & 48 (1985) pp. 570-572
214. Unified Treatment of c-f Mixing and d-f Coulomb Interaction in f-Electron Systems
T. Kasuya, O. Sakai, K. Takegahara and M. Takeshige
J. Mag. Mag. Mat. vol. 52 (1985) pp. 1-6
215. Origin of Anomalous Phase Diagram and Anisotropy in EuSe
H. Fukuma, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 7-12
216. Kondo State in Sm_4X_3 (X=Bi, Sb and As)
A. Ochiai, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 13-17
217. 4f-Band of Ce-Compounds in Photoexcitation and in Low Energy Phenomena
O. Sakai, M. Takeshige, H. Harima, K. Otaki and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 18-24
218. 4f-Band Models of Ordered Systems and Mixed Valent Systems
H. Harima and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 179-181
219. Low Temperature Specific Heat and High Field Magnetization Measurement of $(\text{La,Ce})\text{B}_6$
N. Sato, M. Takahashi, T. Kashima, K. Sugiyama, M. Date, T. Sastoh and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 250-252
220. Elastic Properties of Dense Kondo Compounds: CeB_6 , $\text{Ce}_{0.5}\text{La}_{0.5}\text{B}_6$ and CeSb
T. Goto, A. Tamaki, T. Suzuki, S. Kunii, N. Sato, T. Suzuki, H. Kitazawa, T. Fujimura and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 253-256

221. Elastic Softening and CEF Effects of NdB_6 and PrB_6
A. Tamaki, T. Goto, M. Yoshizawa, T. Fujimura, S. Kunii and
T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 257-260
222. Acoustic de Haas-van Alphen Effect and Rotational Invariance of LaB_6
T. Suzuki, T. Goto, T. Fujimura, S. Kunii, T. Suzuki, and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 261-263
223. Crystal Field Splitting of RB_6 ($\text{R}=\text{Ce}$, Pr and Nd) and the
Photoemission Spectra
M. Ikeda, Y. Aoki and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 264-266
224. ^{11}B Nuclear Relaxation Studies of PrB_6 and NdB_6
S. Takagi, S. Itabashi, S. Kunii and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 267-270
225. Electron Spin Resonance of Eu and Gd Ions in SmB_6
S. Kunii, T. Uemura, Y. Chiba, T. Kasuya and M. Date
J. Mag. Mag. Mat. vol. 52 (1985) pp. 271-274
226. Electronic and Magnetic Properties of GdB_6
S. Kunii, K. Takeuchi, I. Oguro, K. Sugiyama, A. Ohya, M. Yamada,
Y. Koyoshi, M. Date and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 275-278
227. Kondo State in the Alloy System $\text{Lu}_{1-x}\text{Yb}_x\text{B}_{12}$
F. Iga, M. Kasaya and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 279-282
228. Magnetic and Electric Properties of YbB_{12} under High Magnetic Field
K. Sugiyama, A. Ohya, M. Date, F. Iga, M. Kasaya and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 283-285
229. De Haas-van Alphen Effects of PrIn_3 and LaIn_3
H. Kitazawa, Q. Z. Gao, H. Shida, T. Suzuki, A. Hasegawa and
T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 286-288

230. Quadrupolar Ordering and Dense Kondo Behaviour in SmSn_3
M. Kasaya, B. Liu, M. Sera, T. Kasuya, D. Endoh, T. Goto and
T. Fujimura
J. Mag. Mag. Mat. vol. 52 (1985) pp. 289-292
231. Resonant Photoemission Studies of Mixed-Valence Sm_3Se_4
S. Suga, M. Yamamoto, M. Taniguchi, M. Fujisawa, A. Ochiai,
T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 293-296
232. Electronic Structures of U_3P_4 and U_3As_4 Studied by Synchrotron
Radiation Photoemission Spectroscopy
S. Suga, M. Yamamoto, K. Soda, T. Mori, S. Takagi, N. Niitsuma,
T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 297-300
233. ^{31}P NMR Studies of the Ferromagnetic Uranium Compound U_3P_4
S. Takagi, N. Niitsuma, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 301-303
234. Magnetic and Transport Properties of Ce_4X_3 ($\text{X}=\text{Bi}, \text{Sb}$)
A. Ochiai, Y. Nakabayashi, Y. S. Kwon, K. Takeuchi, K. Takegahara,
T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 304-306
235. Electronic Band Structure of La_4Sb_3 and La_4Bi_3
K. Takegahara, H. Harima and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 307-309
236. Calculation of PES and BIS in Ce-Pnictides and Ce-Metal Based on the
Detailed Hybridization Model
M. Takeshige, O. Sakai and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 363-366
237. Band Calculations with Occupied 4f Electrons
H. Harima, N. Kobayashi, K. Takegahara and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 367-369
238. Electronic Structures of LaP , CeP , GdP , YbP and LuP
H. Harima and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 370-372

239. Magnetic Exchange Interactions and Spin Structures in Some Rare Earth Pnictides
A. Narita and T. Kasuya
J. Mag. Mag. Mat. vol. 52 (1985) pp. 373-376
240. Crystalline Field and Kondo Effect in $\text{CeBi}_{1-x}\text{Te}_x$
M. Sera, T. Kasuya, P. Haen, J. L. Tholence, H. Bartholin, J. Rossat-Mignod and G. Lapertot
J. Mag. Mag. Mat. vol. 52 (1985) pp. 377-380
241. Anisotropic p-f Mixing Mechanism Explaining Anomalous Magnetic Properties in Ce Monopnictides:I. Effective 4f Level
H. Takahashi and T. Kasuya
J. Phys. C: Solid State Phys. vol. 18 (1985) pp. 2697-2707
242. Anisotropic p-f Mixing Mechanism Explaining Anomalous Magnetic Properties in Ce Monopnictides:II. Crystal-Field Splitting in Rare-Earth Pnictides
H. Takahashi and T. Kasuya
J. Phys. C: Solid State Phys. vol. 18 (1985) pp. 2709-2719
243. Anisotropic p-f Mixing Mechanism Explaining Anomalous Magnetic Properties in Ce Monopnictides:III. Paramagnetic State
H. Takahashi and T. Kasuya
J. Phys. C: Solid State Phys. vol. 18 (1985) pp. 2721-2730
244. Anisotropic p-f Mixing Mechanism Explaining Anomalous Magnetic Properties in Ce Monopnictides:IV. Ferromagnetic State
H. Takahashi and T. Kasuya
J. Phys. C: Solid State Phys. vol. 18 (1985) pp. 2731-2744
245. Anisotropic p-f Mixing Mechanism Explaining Anomalous Magnetic Properties in Ce Monopnictides:V. Various Ordered State and Phase Diagrams
H. Takahashi and T. Kasuya
J. Phys. C: Solid State Phys. vol. 18 (1985) pp. 2745-2754
246. Anisotropic p-f Mixing Mechanism Explaining Anomalous Magnetic Properties in Ce Monopnictides:VI. f-f Interaction via p-f Mixing
H. Takahashi and T. Kasuya
J. Phys. C: Solid State Phys. vol. 18 (1985) pp. 2755-2765

247. Valence Fluctuation of Sm_3Se_4
A. Tamaki, T. Goto, S. Kunii, T. Suzuki, T. Fujimura and T. Kasuya
J. Phys. C: Solid State Phys. vol. 18 (1985) pp. 5849-5862
248. Specific Heat Measurements of $\text{Ce}_{1-x}\text{La}_x\text{B}_6$
T. Furuno, N. Sato, S. Kunii, T. Kasuya and W. Sakaki
J. Phys. Soc. Jpn. vol. 54 no. 5 (1985) pp. 1899-1905
249. Interaction between Kondo States and Hall Effect of Dense Kondo System $\text{Ce}_x\text{La}_{1-x}\text{B}_6$
N. Sato, A. Sumiyama, S. Kunii, H. Nagano and T. Kasuya
J. Phys. Soc. Jpn. vol. 54 no. 5 (1985) pp. 1923-1932
250. Magnetization Measurement of EuSe Single Crystal
H. Fukuma, T. Komatsubara, T. Suzuki, E. Kaldis and T. Kasuya
J. Phys. Soc. Jpn. vol. 54 no. 8 (1985) pp. 3067-3075
251. Electronic Structure of CeRh_3B_2 : A Large f-f Direct Mixing System
K. Takegahara, H. Harima and T. Kasuya
J. Phys. Soc. Jpn. vol. 54 no. 12 (1985) pp. 4743-4751
252. Lattice Dynamics in LaB_6 and YbB_6
K. Takegahara, M. Kasaya, T. Goto and T. Kasuya
Physica 130B (1985) pp. 49-51
253. Experimental Study of Lattice Dynamics in LaB_6 and YbB_6
H. G. Smith, G. Dolling, S. Kunii, M. Kasaya, B. Liu, K. Takegahara, T. Kasuya and T. Goto
Solid State Commun. vol. 53 no. 1 (1985) pp. 15-19
254. Theoretical Study of Lattice Dynamics in LaB_6 and YbB_6
K. Takegahara and T. Kasuya
Solid State Commun. vol. 53 no. 1 (1985) pp. 21-25
255. High Pressure Compression of CeB_6 up to 20 GPa
J. M. Leger, J. Rossat-Mignod, S. Kunii and T. Kasuya
Solid State Commun. vol. 54 no. 11 (1985) pp. 995-997
256. Mössbauer Isomer Shifts in ^{151}Eu Compounds
T. Kaneda, S. Kunii, K. Ando, A. Ochiai, T. Suzuki, T. Kasuya and M. Fujioka
CYRIC Ann. Rept., Tohoku Univ. (1986) pp. 60-63

257. Mössbauer Effect Studies of EuB_6 in an Applied Magnetic Field
S. Kunii, T. Kaneda, T. Kasuya and M. Fujioka
CYRIC Ann. Rept. , Tohoku Univ. (1986) pp. 64-69

258. High Magnetic Field Study of the Specific Heat of CeB_6 and LaB_6
Y. Peysson, C. Ayachi, J. Rossat-Mignod, S. Kunii and T. Kasuya
J. de Physique vol. 47 (1986) pp. 113-119

259. Crystal Structure of CeRh_3B_2
I. Higashi, T. Lundstrom, M. Kasaya and T. Kasuya
J. Less-Common Met. vol. 120 no. 1 (1986) pp. L7-L10

260. Thermal Conductivity of CeB_6 and LaB_6
Y. Peysson, C. Ayachi, B. Salce, S. Kunii and T. Kasuya
J. Mag. Mag. Mat. vol. 59 no. 1-2 (1986) pp. 33-40

261. Band Structure Calculation of MBe_{13} (M=La, Ce, Th and U)
K. Takegahara, H. Harima and T. Kasuya
J. Phys. F: Met. Phys. vol. 16 (1986) pp. 1691-1703

262. Anomalous Magnetization of GdB_6 in High Magnetic Field
K. Sugiyama, Y. Koyoshi, S. Kunii, T. Kasuya and M. Date
J. Phys. Soc. Jpn. vol. 55 no. 1 (1986) pp. 37-39

263. Higher Harmonic Electron Spin Resonance of Eu^{2+} in SmB_6
T. Uemura, Y. Chiba, S. Kunii, M. Kasaya, T. Kasuya and M. Date
J. Phys. Soc. Jpn. vol. 55 no. 1 (1986) pp. 43-46

264. Direct 4f Band Model in CeRh_3B_2
T. Kasuya, K. Takegahara, N. Kobayashi, M. Kasaya and A. Okabe
in "Theoretical and Experimental Aspects of Valence Fluctuations and Heavy Fermions" ed. by L. C. Gupta and S. K. Malik (Plenum Pub. Co., 1987) pp. 187-196

265. Summary for Theoretical Work. How to Understand the Valence Fluctuating State
T. Kasuya
in "Theoretical and Experimental Aspects of Valence Fluctuations and Heavy Fermions" ed. by L. C. Gupta and S. K. Malik (Plenum Pub. Co., 1987) pp. 727-735

266. Systematics of Valence Fluctuating States in f-Electron Systems
T. Kasuya, M. Kasaya, K. Takegahara, F. Iga, B. Liu and
N. Kobayashi
J. Less-Common Met. vol. 127 (1987) pp. 337-347
267. Preparation and Physical Properties of a CeRh_3B_2 Single Crystal
M. Kasaya, A. Okabe, T. Kasuya and I. Higashi
J. Less-Common Met. vol. 134 no. 1 (1987) pp. 1-5
268. Electronic Structures in Cerium Monopnictides
T. Kasuya, O. Sakai, J. Tanaka, H. Kitazawa and T. Suzuki
J. Mag. Mag. Mat. vol. 63 & 64 (1987) pp. 9-14
269. Magnetic Properties of $\text{CeBi}_{1-x}\text{Te}_x$ Solid Solutions under Pressure
H. Bartholin, M. Sera, P. Haen and T. Kasuya
J. Mag. Mag. Mat. vol. 63 & 64 (1987) pp. 46-48
270. On the Heavy Fermion Ferromagnetic System Ce_4Bi_3
T. Suzuki, Y. Nakabayashi, A. Ochiai, T. Kasuya, K. Sugiyama and
M. Date
J. Mag. Mag. Mat. vol. 63 & 64 (1987) pp. 58-60
271. Neutron Scattering Study of the Antiferroquadrupolar Ordering in CeB_6
and $\text{Ce}_{0.75}\text{La}_{0.25}\text{B}_6$
W. A. C. Erkelens, L. P. Regnault, P. Burlet, J. Rossat-Mignod,
S. Kunii and T. Kasuya
J. Mag. Mag. Mat. vol. 63 & 64 (1987) pp. 61-63
272. Magnetoelastic Studies on $\text{Ce}_{1-x}\text{La}_x\text{B}_6$ Single Crystals
M. Sera, N. Sato and T. Kasuya
J. Mag. Mag. Mat. vol. 63 & 64 (1987) pp. 64-66
273. Magnetic and Transport Properties of Kondo Compound Alpha - Ce_3Al
M. Sera, T. Satoh and T. Kasuya
J. Mag. Mag. Mat. vol. 63 & 64 (1987) pp. 82-84
274. Acoustic de Haas-van Alphen Effect of CeSn_3
T. Suzuki, T. Goto, A. Tamaki, T. Fujimura, H. Kitazawa, T. Suzuki
and T. Kasuya
J. Mag. Mag. Mat. vol. 63 & 64 (1987) pp. 563-566

275. Structural Transition in Mixed Valence Yb_4As_3
A. Ochiai, K. Takeuchi, N. Niitsuma, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 63 & 64 (1987) pp. 618-620
276. Magnetic and Transport Properties of Ce_2Sb and Ce_2Bi
A. Isobe, A. Ochiai, S. Onodera, K. Yamada, M. Kohgi, Y. Endoh,
T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 70 no. 1-3 (1987) pp. 391-392
277. Kondo States of Yb_4Sb_3 and Yb_4As_3
Y. S. Kwon, A. Ochiai, H. Kitazawa, N. Sato, H. Abe, T. Nanba,
M. Ikezawa, K. Takegahara, O. Sakai, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 70 no. 1-3 (1987) pp. 397-399
278. Photoemission Study of Valence Fluctuation in Yb_4Sb_3 and Yb_4Bi_3
T. Mori, K. Soda, M. Yamamoto, H. Namatame, A. Ochiai, T. Suzuki,
T. Kasuya and S. Suga
J. Phys. Soc. Jpn. vol. 56 no. 4 (1987) pp. 1465-1469
279. APW Band Structure of Cubic $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$
K. Takegahara and T. Kasuya
J. Phys. Soc. Jpn. vol. 56 no. 4 (1987) pp. 1478-1489
280. Magnetic and Transport Properties of the Kondo Compound CePtSi
M. Sera, T. Satoh and T. Kasuya
J. Phys. Soc. Jpn. vol. 56 no. 6 (1987) pp. 1932-1935
281. ^{31}P Nuclear Magnetic Relaxation Studies of the Dynamical Magnetic
Behavior of UP
S. Takagi, N. Niitsuma, T. Yoshida and T. Kasuya
J. Phys. Soc. Jpn. vol. 56 no. 7 (1987) pp. 2287-2290
282. Structural Investigation of CeRh_3B_2 by Single-Crystal X-ray
Diffractionmetry
I. Higashi, M. Kasaya, A. Okabe and T. Kasuya
J. Solid State Chem. vol. 69 no. 2 (1987) pp. 376-379
283. Self-Consistent Dynamical Approach to Heavy-Fermion Systems
Y. Kuramoto, C. -I. Kim and T. Kasuya
Jpn. J. Appl. Phys. vol. 26 suppl. 26-3 (1987) pp. 459-460

284. Fermi Surface of Ce-Monopnictides in Various Magnetic Ordered States
O. Sakai, Y. Kaneta and T. Kasuya
Jpn. J. Appl. Phys. vol. 26 suppl. 26-3 (1987) pp. 477-478

285. Acoustic de Haas-van Alphen Effect of CeB₆ and LaB₆
T. Suzuki, T. Goto, S. Sakatsume, A. Tamaki, S. Kunii, T. Kasuya and T. Fujimura
Jpn. J. Appl. Phys. vol. 26 suppl. 26-3 (1987) pp. 511-512

286. Low Energy Optical Excitations of CeBi
Y. S. Kwon, H. Kitazawa, N. Sato, H. Abe, T. Nanba, M. Ikezawa, K. Takegahara, O. Sakai, T. Suzuki and T. Kasuya
Jpn. J. Appl. Phys. vol. 26 suppl. 26-3 (1987) pp. 539-540

287. Magnetic and Transport Properties of Heavy Fermion Compound CePtSi
M. Sera, T. Satoh, T. Kasuya and J. Sakurai
Jpn. J. Appl. Phys. vol. 26 suppl. 26-3 (1987) pp. 551-552

288. S-Matrix Approach to the Anderson Impurity Model
O. Sakai, M. Motizuki and T. Kasuya
Solid State Commun. vol. 61 no. 3 (1987) pp. 177-181

289. Cooperative Enhancement of the Kondo Effect in Heavy-Fermion Systems
C. -I. Kim, Y. Kuramoto and T. Kasuya
Solid State Commun. vol. 62 no. 9 (1987) pp. 627-631

290. 高濃度近藤物質の系統的研究
糟谷忠雄
学術月報 40巻11号 (1987) pp. 29-33

291. 価数揺動国際会議 (グルノーブル) (報告)
糟谷忠雄
日本物理学会誌 42巻1号(1987) pp. 44-47

292. 価数揺動と重い電子系
糟谷忠雄
日本物理学会誌 42巻8号 (1987) pp. 722-731

293. Thermodynamical and Magnetic Properties of SmX_3 ($\text{X}=\text{Sn}, \text{In}$)
M. Kasaya, B. Liu and T. Kasuya
in "Proceedings of the Workshop on Neutron Scattering Research with
Intense Spallation Neutron Source 'Today and Tomorrow'. First
Meeting of Japan-UK" (1988) pp. 105-108

294. X-ray Scattering Study of the Magnetic Phase Transformation in GdB_6
R. M. Galera, D. P. Osterman, J. D. Axe, S. Kunii and T. Kasuya
J. Appl. Phys. vol. 63 no. 8 (1988) pp. 3580-3582

295. Magnetic Properties of the AuCu_3 -Type Sm-Compounds
B. Liu, M. Kasaya and T. Kasuya
J. de Phys. vol. 49 no. C8 (1988) pp. 369-370

296. Thermal Expansion and Magnetostriction of the Ferromagnetic Dense
Kondo System CeSi_x
N. Sato, M. Sera, T. Satoh and T. Kasuya
J. Low Temp. Phys. vol. 73 no. 3 / 4 (1988) pp. 175-205

297. Heavy Hole State in CeSb
H. Kitazawa, Y. S. Kwon, A. Oyamada, N. Takeda, H. Suzuki,
S. Sakatsume, T. Satoh, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 40-42

298. Physical Properties of Sm_3Se_4 at Low Temperatures
T. Furuno, K. Ando, S. Kunii, A. Ochiai, H. Suzuki, M. Fujioka,
T. Suzuki, W. Sasaki and T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 117-118

299. Specific Heat Measurements of YbB_{12} and $\text{Yb}_x\text{Lu}_{1-x}\text{B}_{12}$
F. Iga, M. Kasaya, T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 156-158

300. Electrical Resistivity, Hall Constant and Magnetic Susceptibility in the
Kondo States $\text{Ce}(\text{Ni}_{1-x}\text{Pd}_x)\text{Sn}$ and YbNiSn
M. Kasaya, T. Tani, F. Iga and T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 278-280

301. Magnetic and Transport Properties in $\text{Yb}_4\text{As}_{2.7}\text{P}_{0.3}$
O. Nakamura, A. Oyamada, A. Ochiai, S. Kunii, T. Takeda, T. Suzuki
and T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 293-294
302. Dielectric Anomaly in Valence Fluctuating State of Sm_3Se_4
K. Baba, K. Ando, A. Ochiai, Y. S. Kwon, M. Saito, M. Tanaka,
S. Kunii, T. Suzuki, T. Kasuya and T. Fujimura
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 297-298
303. Ultrasonic Attenuation of the Valence Fluctuation Compound SmB_6
S. Nakamura, T. Goto, T. Fujimura, M. Kasaya and T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 312-314
304. CEF Effects and Elastic Properties of CeTe
H. Matsui, T. Goto, A. Tamaki, T. Fujimura, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 321-323
305. Anisotropy and Dense Kondo Effect in CeRh_3B_2
M. Kasaya, A. Okabe, T. Takahashi, T. Satoh, T. Kasuya and
A. Fujimori
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 347-349
306. Optical Properties of CeTe and CeIn_3
Y. S. Kwon, T. Nanba, M. Ikezawa, O. Sakai, T. Suzuki and T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 350-352
307. Inelastic Neutron Scattering Study of the Rare Earth Hexaboride CeB_6
L. P. Regnault, W. A. C. Erkelens, J. Rossat-Mignod, C. Vettier,
S. Kunii and T. Kasuya
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 413-414
308. Consistent Treatment of High and Low Frequency Phenomena in Kondo
and VF Systems
T. Kasuya, O. Sakai, H. Harima and M. Ikeda
J. Mag. Mag. Mat. vol. 76 & 77 (1988) pp. 46-52
309. Electrical and Magnetic Properties of SmRh_3B_2
Y. Abe, M. Kasaya and T. Kasuya
J. Phys. Colloq. vol. 49 no. C8 (1988) pp. 409-410

310. Inelastic Neutron Scattering Study of the Rare Earth Hexaboride NdB_6
W. A. C. Erkelens, L. P. Regnault, J. Rossat-Mignod, M. Gordon,
S. Kunii, T. Kasuya and C. Vettier
J. Phys. Colloq. vol. 49 no. C8 (1988) pp. 457-458
311. A Single Crystal Neutron Scattering Study of the Magnetic Ordering in
Praseodymium Hexaboride
P. Burlet, J. M. Effantin, J. Rossat-Mignod, S. Kunii and T. Kasuya
J. Phys. Colloq. vol. 49 no. C8 (1988) pp. 459-460
312. Low Energy Optical Excitation in CeB_6
Y. S. Kwon, S. Kimura, T. Nanba, S. Kunii, M. Ikezawa, T. Suzuki
and T. Kasuya
J. Phys. Colloq. vol. 49 no. C8 (1988) pp. 737-738
313. Oscillatory Magnetostrictions of LaB_6 and PrB_6
M. Sera, S. Kunii and T. Kasuya
J. Phys. Soc. Jpn. vol. 57 no. 1 (1988) pp. L13-L15
314. The Electrical Resistivity of CePtSi Single Crystal
M. Sera, T. Satoh and T. Kasuya
J. Phys. Soc. Jpn. vol. 57 no. 2 (1988) pp. 671-672
315. Magnetoelastic Properties of $\text{Ce}_x\text{La}_{1-x}\text{B}_6$
M. Sera, N. Sato and T. Kasuya
J. Phys. Soc. Jpn. vol. 57 no. 4 (1988) pp. 1412-1423
316. ^{31}P NMR Studies of the Magnetically Ordered Heavy-Electron
Compound YbP
S. Takagi, A. Oyamada and T. Kasuya
J. Phys. Soc. Jpn. vol. 57 no. 4 (1988) pp. 1456-1465
317. Evidence for Magnetic Ordering in the Heavy-Electron Compound CeCu_2
 In
S. Takagi, T. Kimura, N. Sato, T. Satoh and T. Kasuya
J. Phys. Soc. Jpn. vol. 57 no. 5 (1988) pp. 1562-1565
318. High Field Magnetization of GdB_6
K. Sugiyama, Y. Koyoshi, S. Kunii, T. Kasuya and M. Date
J. Phys. Soc. Jpn. vol. 57 no. 5 (1988) pp. 1762-1770

319. Observation of Acoustic de Haas-van Alphen Effect in Heavy Electron Compound CeB_6
T. Goto, T. Suzuki, Y. Ohe, S. Sakatsume, S. Kunii, T. Fujimura and T. Kasuya
J. Phys. Soc. Jpn. vol. 57 no. 9 (1988) pp. 2885-2888

320. Magnetic Properties of the Heavy-Electron Compound YbP
A. Oyamada, S. Takagi, T. Kasuya, K. Sugiyama and M. Date
J. Phys. Soc. Jpn. vol. 57 no. 10 (1988) pp. 3557-3561

321. Field-Induced Metallic State in YbB_{12} under High Magnetic Field
K. Sugiyama, F. Iga, M. Kasaya T. Kasuya and M. Date
J. Phys. Soc. Jpn. vol. 57 no. 11 (1988) pp. 3946-3953

322. Electronic Structures in $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$ and in La_2CuO_4
T. Kasuya and K. Takegahara
JJAP Series 1, Superconducting Materials (1988) pp. 251-254

323. Observation of Kondo Resonance in YbAl_3
S. -J. Oh, S. Suga, A. Kakizaki, M. Taniguchi, T. Ishii, J. -S. Kang, J. W. Allen, O. Gunnarsson, N. E. Christensen, A. Fujimori, T. Suzuki, T. Kasuya, T. Miyahara, H. Kato, K. Schönhammer, M.S. Torikachvili and M. B. Maple
Phys. Rev. B vol. 37 no. 6 (1988) pp. 2861-2866

324. New Interpretation of the de Haas-van Alphen Signals of LaB_6
H. Harima, O. Sakai, T. Kasuya and A. Yanase
Solid State Commun. vol. 66 no. 6 (1988) pp. 603-607

325. Elastic Properties in AuCu_3 -Type Samarium Intermetallic Compounds
D. Endoh, T. Goto, A. Tamaki, B. Liu, M. Kasaya, T. Fujimura and T. Kasuya
J. Phys. Soc. Jpn. vol. 58 no. 3 (1989) pp. 940-948

326. Single-Particle and Magnetic Excitation Spectra of Degenerate Anderson Model with Finite f-f Coulomb Interaction
O. Sakai, Y. Shimizu and T. Kasuya
J. Phys. Soc. Jpn. vol. 58 no. 10 (1989) pp. 3666-3678

327. XPS and UPS Studies of Valence Fluctuation and Surface States of Yb_4As_3 , Yb_4Sb_3 and Yb_4Bi_3
S. Suga, S. Ogawa, H. Namatame, M. Taniguchi, A. Kakizaki, T. Ishii, A. Fujimori, S. -J. Oh, H. Kato, T. Miyahara, A. Ochiai, T. Suzuki and T. Kasuya
J. Phys. Soc. Jpn. vol. 58 no. 12 (1989) pp. 4534-4543
328. Cu Nuclear Magnetic Relaxation Studies of the Antiferromagnetic Heavy-Electron Compound UCu_5
S. Takagi, T. Homma and T. Kasuya
J. Phys. Soc. Jpn. vol. 58 no. 12 (1989) pp. 4610-4615
329. High Pressure and Polarized Neutron Scattering Study of Magnetic Excitations in CeSb
L. P. Regnault, J. L. Jacoud, C. Vettier, T. Chattopadhyay, J. Rossat-Mignod, T. Suzuki, T. Kasuya and O. Vogt
Physica B156 & 157 (1989) pp. 798-800
330. Electronic Band Structure of Nd_2CuO_4 Type Cu Oxide
K. Takegahara and T. Kasuya
Solid State Commun. vol. 70 no. 6 (1989) pp. 637-640
331. Electronic Band Structure of Paramagnetic and Antiferromagnetic La_2NiO_4
K. Takegahara and T. Kasuya
Solid State Commun. vol. 70 no. 6 (1989) pp. 641-645
332. De Haas-van Alphen Effect in SmSb (talked only)
S. Ozeki, Y. S. Kwon, Y. Haga, T. Suzuki, G. Kido and T. Kasuya
19th International Conference on Low Temperature Physics (16-22, Aug. 1990, Brighton, Sussex, UK) (1990)
333. Schubnikov de-Haas Effect in Extremely Low Carrier Kondo System CeAs (talked only)
Y. S. Kwon, Y. Haga, S. Ozeki, T. Suzuki and T. Kasuya
19th International Conference on Low Temperature Physics (16-22, Aug. 1990, Brighton, Sussex, UK) (1990)
334. On the Common Feature of Optical Reflectivity in Rare Earth Monopnictide due to 5d Electron Screening (in press)
Y. S. Kwon, M. Takeshige, T. Suzuki and T. Kasuya
submitted to International Conference of 6th Valence Fluctuation (São Paulo, Brazil, 1990) (1990)

335. Kondo Behavior in Extremely Low Carrier Concentration System of CeP (in press)
Y. S. Kwon, Y. Haga, T. Suzuki and T. Kasuya
submitted to International Conference of 6th Valence Fluctuation
(São Paulo, Brazil, 1990) (1990)
336. Transport and Magnetic Properties of Sm Monopnictides (in press)
Y. Ohe, Y. S. Kwon, Y. Haga, T. Suzuki and T. Kasuya
submitted to International Conference of 6th Valence Fluctuation
(São Paulo, Brazil, 1990) (1990)
337. Specific Heat under Magnetic Field in Extremely Low Carrier System of Yb_4As_3 (in press)
O. Nakamura, N. Tomonaga, T. Suzuki and T. Kasuya
submitted to International Conference of 6th Valence Fluctuation
(São Paulo, Brazil, 1990) (1990)
338. The Magnetic Phase Transitions in Ce-Monopnictides, Strong p-f Mixing Effect (in press)
T. Kasuya, Y. S. Kwon, T. Suzuki, K. Nakanishi, F. Ishiyama and K. Takegahara
J. Mag. Mag. Mat. vol. 90 & 91 (1990)
339. Nature of Doped Electrons in $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$: Electronic Band Structures of Nd_2CuO_4 Type M_2CuO_4 (M=La, Ce and Th)
K. Takegahara and T. Kasuya
J. Phys. Soc. Jpn. vol. 59 no. 6 (1990) pp. 2098-2109
340. Self-Consistent Dynamical Theory for the Anderson Lattice
C. -Il Kim, Y. Kuramoto and T. Kasuya
J. Phys. Soc. Jpn. vol. 59 no. 7 (1990) pp. 2414-2425
341. Electronic Band Structure of YbInCu_4 and LuInCu_4
K. Takegahara and T. Kasuya
J. Phys. Soc. Jpn. vol. 59 no. 9 (1990) pp. 3299-3306
342. Interband Optical Spectra of Rare-Earth Hexaborides
S. Kimura, T. Nanba, S. Kunii and T. Kasuya
J. Phys. Soc. Jpn. vol. 59 no. 9 (1990) pp. 3388-3392

343. Heavy Fermion Behavior in Extremely Low Carrier Concentration System of Yb_4As_3
A. Ochiai, T. Suzuki and T. Kasuya
J. Phys. Soc. Jpn. vol. 59 no. 11 (1990) pp. 4129-4141
344. Electronic Band Structure of $\text{Th}_3\text{Ni}_3\text{Sb}_4$ and Th_3X_4 ($\text{X}=\text{P}, \text{As}, \text{Sb}$)
K. Takegahara, Y. Kaneta and T. Kasuya
J. Phys. Soc. Jpn. vol. 59 no. 12 (1990) pp. 4394-4404
345. Thermal Expansion of $\text{Ce}_{1-x}\text{La}_x\text{Sb}$ and $\text{Ce}_{1-x}\text{La}_x\text{Bi}$
(in press)
M. Sera, T. Suzuki and T. Kasuya
J. Phys. Soc. Jpn. (1990)
346. Thermal Expansion and Magnetostrictions of CeSb and CeBi (in press)
M. Sera, T. Nakajima, T. Suzuki and T. Kasuya
J. Phys. Soc. Jpn. (1990)
347. Photoemission Study of the Ferromagnetic Kondo System CeRh_3B_2
A. Fujimori, T. Takahashi, A. Okabe, M. Kasaya and T. Kasuya
Phys. Rev. B vol. 41 no. 10 (1990) pp. 6783-6787
348. Ferromagnetic System with Kondo Behaviors in Ce_4Sb_3
T. Suzuki, O. Nakamura, N. Tomonaga, S. Ozeki, Y. S. Kwon,
A. Ochiai, T. Takeda and T. Kasuya
Physica B163 no. 1-3 (1990) pp. 131-133
349. Thermodynamic Properties of the Kondo State
K. Takegahara and T. Kasuya
Physica B163 no. 1-3 (1990) pp. 216-218
350. Origin of the Anomalous Magnetic Behavior in $\text{R}(\text{Rh}_{1-x}\text{Ru}_x)_3\text{B}_2$
M. Kasaya, Y. Abe, J. L. Li and T. Kasuya
Physica B163 no. 1-3 (1990) pp. 317-320
351. Optical Properties of LaSb and CeSb
Y. S. Kwon, M. Takeshige, T. Suzuki and T. Kasuya
Physica B163 no. 1-3 (1990) pp. 328-330

352. Theory of the Kondo Effect for Sm-Like Systems
Y. Shimizu, O. Sakai and T. Kasuya
Physica B163 no. 1-3 (1990) pp. 401-404
353. Magnetic and Transport Properties in $\text{Yb}_4\text{As}_{2.7}\text{Sb}_{0.3}$
O. Nakamura, Y. S. Kwon, A. Ochiai, T. Takeda, T. Suzuki and
T. Kasuya
Physica B163 no. 1-3 (1990) pp. 638-640
354. Excitation Spectra of the Degenerate Anderson Model with Finite f-f
Coulomb Interaction
O. Sakai, Y. Shimizu, R. Takayama and T. Kasuya
Physica B163 no. 1-3 (1990) pp. 695-698
355. Nuclear Relaxation Studies of the Dynamical Magnetic Behavior of U
Compounds
S. Takagi and T. Kasuya
Physica B163 no. 1-3 (1990) pp. 703-706
356. Electronic Band Structure of ThNiSn
K. Takegahara and T. Kasuya
Solid State Commun. vol. 74 no. 4 (1990) pp. 243-248
357. Excitation Spectra of Two Impurities Anderson Model
O. Sakai, Y. Shimizu and T. Kasuya
Solid State Commun vol. 75 no. 2 (1990) pp. 81-87
358. Anomalous Infrared Absorption in Rare-Earth Hexaborides
S. Kimura, T. Nanba, S. Kunii, T. Suzuki and T. Kasuya
Solid State Commun. vol. 75 no. 9 (1990) pp. 717-720
359. Heavy Fermion in Extremely Low Carrier Concentration System of
 Yb_4As_3 and Related Compounds (in Press)
T. Suzuki, A. Ochiai, Y. S. Kwon and T. Kasuya
Solid State Commun. (1990)
360. Magnetic and Structural Phase Transition in SmRh_3B_2 (in press)
Y. Abe, M. Kasaya, I. Higashi, Y. Imura, H. Yoshida, G. Kido and
T. Kasuya
submitted to International Conference on Magnetic Phase Transition
(Osaka, 1990)

361. Magnetic and Transport Properties of Uranium Borides, UB_{12} , Ulr_3B_2 and UOs_3B_2 (in press)
M. Kasaya, F. Iga, K. Katoh, K. Takegahara and T. Kasuya
submitted to International Conference on Magnetic Phase Transition
(Osaka, 1990)
362. Kondo Effect in $SmPd_3B_x$ System (in press)
M. Kasaya, B. Liu, J. L. Li, N. Sata and T. Kasuya
submitted to International Conference on Magnetic Phase Transition
(Osaka, 1990)
363. Coexistence of the Dipolar and Quadrupolar Ordering in $SmTl_3$
(in press)
B. Liu, J. L. Li, M. Kasaya, G. Kido, Y. Nakagawa and T. Kasuya
submitted to International Conference on Magnetic Phase Transition
(Osaka, 1990)
364. Antiferromagnetic Phase Transition in Low Carrier Concentration
CeAs (in press)
T. Suzuki, Y. S. Kwon, S. Ozeki, Y. Haga and T. Kasuya
submitted to International Conference on magnetic Phase Transition
(Osaka, 1990)
365. Magnetic Phase Transition in YbAs (in press)
A. Oyamada, P. Burlet, R. Calemzuk, L. P. Regnault, J. Rossat-Mignod, T. Suzuki and T. Kasuya
submitted to International Conference on Magnetic Phase Transition
(Osaka, 1990)
366. Transport Properties of YbAs and YbP (in press)
A. Oyamada, C. Ayache, T. Suzuki, J. Rossat-Mignod and T. Kasuya
submitted to International Conference on Magnetic Phase Transition
(Osaka, 1990)
367. Roles of Dynamical Screening by the 5d and 4f-Electrons in the Optical
Excitation Spectra of Ce-Pnictides (in press)
M. Takeshige, O. Sakai and T. Kasuya
J. Phys. Soc. Jpn. vol. 60 no. 2 (1991)

368. ^{27}Al Nuclear Magnetic Relaxation Studies of Spin Fluctuation in UAl_2
(in press)
S. Takagi, T. Homma, T. Yoshida, T. Komatsubara and T. Kasuya
J. Phys. Soc. Jpn. vol. 60 no. 3 (1991)
369. Comparison between Optical Conductivity Spectra and Band Structure
in LaB_6 (in press)
S. Kimura, H. Harima, T. Nanba, S. Kunii and T. Kasuya
J. Phys. Soc. Jpn. vol. 60 (1991)
370. Crystal Growth of Rare Earth Compounds in Closed System
T. Suzuki, A. Ochiai, H. Kitazawa, Y. S. Kwon, A. Oyamada,
H. Shida, S. Ozeki, O. Nakamura, N. Tomonaga, H. Haga, A. Omino
and T. Kasuya
The Science Reports of the Tohoku University vol. 11 no. 2/3 (1991)
pp. 175-227

